

ACCESSION NUMBER: 1965:9023 CAPLUS Full-text
 DOCUMENT NUMBER: 62:9023
 ORIGINAL REFERENCE NO.: 62:1626c-e
 TITLE: Cupressuflavone, a new member of the biflavonyl group
 AUTHOR(S): S. Murti, V. V.; Raman, P. V.; Seshadri, T. R.
 CORPORATE SOURCE: Univ. Delhi, India
 SOURCE: Tetrahedron Letters (1964), (39-40), 2995-7
 CODEN: TELEAY; ISSN: 0040-4039
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI For diagram(s), see printed CA Issue.
 AB Air-dried leaves of *Cupressus torulosa* (or of *C. sempervirens*) exhaustively extracted with hot Me₂CO, the concentrate extracted with hot ligroine to remove waxes and chlorophyll, the residue refluxed in alc. and filtered, and the residual greenish-yellow solid extracted with hot Me₂CO yielded yellow solid cupressuflavone (I), m. above 360° (MeOH-C₅H₅N), containing no MeO or C-Me groups; hexaacetate m. 251-3°; tetra-Me ether m. 259-61°; hexa-Me ether m. 295-7°; hexa-Et ether m. 267-9° (oxime m. 290-1°). Degradation of the hexa-Me ether with absolute alc. alkali or alkaline H₂O₂ gave p-MeOC₆H₄CO₂H as the only recognizable product. The N.M.R. spectrum of the Me ether in CDCl₃ was consistent with a sym. dimeric structure. Since the hexa-Me ether was found to be identical with 8,8''-biapigeninyl hexamethyl ether synthesized by Nakazawa (CA 59, 1574a) it was concluded that I is the previously unknown 8,8''-biapigeninyl.
 IT 1065-78-7F, Cupressuflavone, hexamethyl ether, dioxime
 RL: PREP (Preparation)
 (preparation of)
 RN 1065-78-7 CAPLUS
 CN 8,8''-Biflavone, 4',4''',5,5'',7,7''-hexamethoxy-, dioxime (7CI, 8CI) (CA INDEX NAME)

